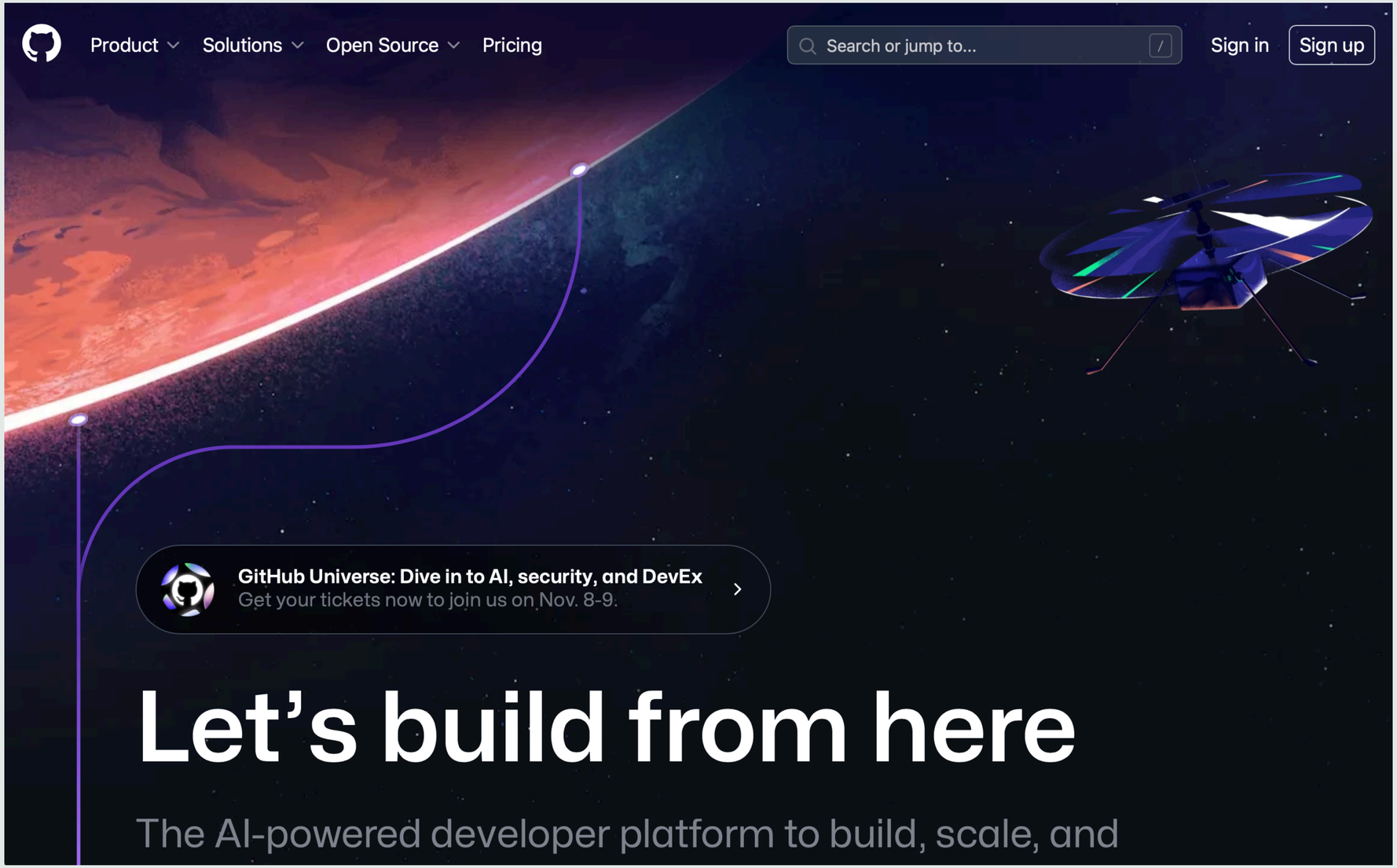
Getting started

Step 1 | Make an account

https://github.com



Step 2 | Installing Git

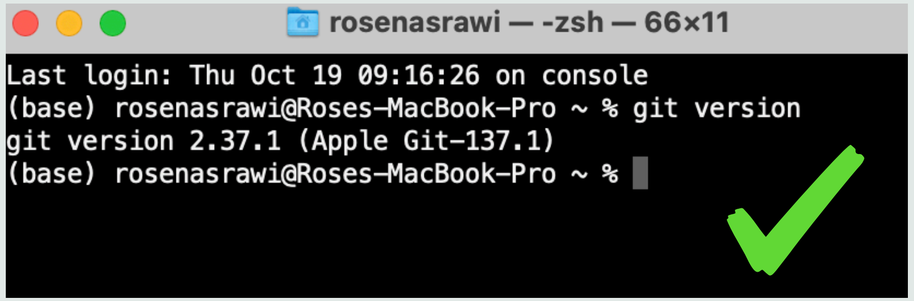
https://git-scm.com/downloads

Step 2 | Installing Git

https://git-scm.com/download/mac

Open ‘terminal’

```
$ git version
```



If you don’t have it:

install homebrew, https://brew.sh/

Open ‘terminal’

```
$ brew install git
```

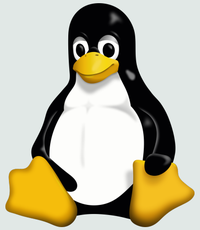
Step 2 | Installing Git

https://git-scm.com/download/win

Note:

- select ‘adding Git bash to terminal’
- select VSCode as the default editor

Step 2 | Installing Git



https://git-scm.com/download/linux

Download for Linux and Unix

It is easiest to install Git on Linux using the preferred package manager of your Linux distribution. If you prefer to build from source, you can find tarballs on kernel.org. The latest version is 2.42.0.

Debian/Ubuntu

For the latest stable version for your release of Debian/Ubuntu

```
# apt-get install git
```

For Ubuntu, this PPA provides the latest stable upstream Git version

```
# add-apt-repository ppa:git-core/ppa
```

```
# apt update; apt install git
```

Step 3 | Configuration of Git

GitHub needs to understand and recognise you as an author

Go to your terminal and execute the following code:

```
$ git config --global user.name “FIRST_NAME LAST_NAME”
```

```
$ git config --global user.email “MY_NAME@example.com”
```

Note: use the name & email that is linked to your GitHub account!

Step 4 | Authentication

When using Git, the main form of authentication is SSH. In order to be using this you'll need a SSH key. Execute the following command in the Terminal:

```
$ ssh-keygen -t ed25519 -C “your_email@example.com"
```

When you're prompted to "Enter a file in which to save the key," press Enter. This accepts the default file location.

When you're prompted to "Enter passphrase" press Enter. Otherwise you'll need to enter this passphrase after every Git command you'll execute.

Step 4 | Authentication

Let’s check if the SSH key is up and running:

```
$ eval "$(ssh-agent -s)"
```

If it’s running, you will see something like:

```
$ Agent pid 123456
```

Then we need to create a configuration file for the ssh-agent and specify the SSH key there. Create the configuration file:

```
$ touch ~/.ssh/config
```

Step 4 | Authentication

Then open it so you can add the configuration easily:

```
$ open ~/.ssh/config
```

Paste the following configuration and save the changes

```
Host *
  AddKeysToAgent yes
  UseKeychain yes
  IdentityFile ~/.ssh/id_ed25519
```

Finally, manually link the SSH key:

```
$ ssh-add -K ~/.ssh/id_ed25519
```

Step 4 | Authentication

Now add the key to your GitHub account, copy the key to clipboard:

```
$ pbcopy < ~/.ssh/id_ed25519.pub
```

Go to GitHub and make sure you’re signed in. Click on the avatar and then on “Settings”. In the menu on the left, choose “SSH and GPG keys” to go to the view were you can manage your SSH keys.

In the top right, click “New SSH key”. Enter a title, and then paste the key. Press “Add SSH key”, enter your password to confirm & you’re all set!